# amerec steam

amerec®
steam • the healthy escape

# amerec steam

## *Benefits of Steam*

Welcome to a world of pure pleasure. Unwind amid clouds of steam in the modern successor to the magnificent bath houses of Ancient Rome. The gentle heat and penetrating humidity soothe away stress, helping you relax both physically and mentally while creating a calming environment where you can enjoy personal indulgence.

Steam bathing offers a healthy addition to a shower and gives you a spa-like experience in the comfort of your home. Steam cleanses the skin by producing perspiration as a cooling mechanism. Perspiration allows the removal of toxins from the body and improves the condition of your skin, leaving it baby-soft and smooth.

There's no better way to feel rejuvenated and refreshed. Treat yourself to the ultimate in well being for body and soul. Steam — The Healthy Escape!

*Discover steam — a quiet, tranquil retreat from the stress of daily living.*

## The Green Side of Steam

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Water is rapidly becoming a precious commodity and most areas of the United States are challenged to find sufficient sources to meet their needs. We all must be aware of the need to conserve our earth's resources.

A steam bath uses less than 2.5 gallons of water during one half-hour of operation. Compare this to jetted tubs that require 60 to 120 gallons of water and a body spray system that consumes more than 100 gallons during 15 minutes of operation.

**Body Sprays**

100 Gallons / 15 Minutes
(3 Heads at 2.5 GPM each)

**Whirlpool Tubs**

60 to 120 Gallons

**Steam Bath**

2.5 Gallons / 1/2 Hour

*go green!*

# K200i Freedom control

The innovative K200i Freedom Control from Amerec provides the ultimate steam bathing experience. The wireless remote control allows the bather to operate control functions from virtually anywhere within 50' of the steam shower.

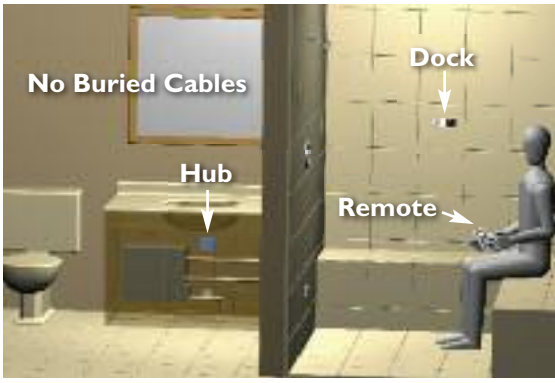
Imagine monitoring the temperature of your steam bath while reading the morning paper and brewing coffee in your kitchen.

Installation is simplified as there is no need to run control cables inside shower walls or drill large holes through expensive marble, granite or tile wall material. The K200i wireless remote communicates with the steam bath generator much like a cordless phone handset communicates with its base.

# amerec steam

## AVAILABLE OPTIONS FOR THE K200I FREEDOM CONTROL

**Chromatherapy Lighting Option** installed in the ceiling of the steam shower provides the varied sensations of colored light therapy to achieve optimal health and well being. Research has shown that certain colors have psychological and physiological effects on people.




**Fragrance Injector Option** eliminates the need to drop aromatherapy oils onto the steam head by introducing oils directly into the steam line. The K200i Control allows the bather to control the frequency and amount of aromatherapy oil pumped into the room.

**EvenSteam™ Air Circulation Fan Option** improves bather comfort in steam rooms with ceiling heights greater than eight feet by rotating air in the steam room and significantly reducing temperature variation from ceiling to floor.

**The K200i Freedom Control gives you freedom...**

*...to turn on your steam bath from the comfort of your bed.*

*...to monitor temperature and control steam bath settings from your bedroom, kitchen or other rooms in your home.*

*...to adjust your steam while seated inside the steam shower.*

*...from installing cables inside walls.*

*...from drilling holes through expensive marble, granite or tile lined shower walls.*

# steam bath controls

## Digital Steam Bath Controls

Amerec provides a choice of compact digital controls that are compatible with AK and 3K series generators. These attractive controls feature metal cover plates available in five finishes to complement other fixtures in the bath and shower: Polished Chrome, Polished Brass, Polished Nickel, Brushed Nickel and Oil Rubbed Bronze. Each kit includes a steam head and cables necessary to connect the control with the generator.

*K60*

*K30*

*R30K*

***Finish Options***

*Polished Chrome*

*Polished Nickel*

*Brushed Nickel*

*Oil Rubbed Bronze*

*Polished Brass*

### KT60 Digital Control

- Digital display alternates between room temperature and time remaining
- 3-button panel with on/off, temperature setting and time duration setting adjustable up to 60 minutes
- Integral temperature sensor simplifies installation
- Must be mounted inside the steam room

### K60 Digital Control

- Digital display alternates between room temperature and time remaining
- 3-button panel with on/off, temperature setting and time duration setting adjustable up to 60 minutes
- Remote temperature sensor must be mounted inside steam room
- Can be mounted inside or outside the steam room

### K30 On/Off Control

- Display window lights up when steam generator is on
- 1-button on/off panel with built-in 30 minute timer
- Remote temperature sensor must be mounted inside steam room
- Can be mounted inside or outside the steam room

### R30K On/Off Control

- Green indicator light tells bather the generator is on
- Simple on/off switch without temperature sensing
- Built-in 30 minute timer
- Can be mounted inside or outside the steam room

KT60, K60 and K30 controls are available in dual control kits so one control can be mounted inside and the other outside the steam bath for user convenience.

# residential steam generators

## AK SERIES GENERATORS:

*Creating the Ultimate Steam Bath Environment with "Soft Steam".*

Amerec's AK series generators are engineered for performance and reliability. The innovative "soft steam" feature provides the ultimate in steam bathing comfort. Minimal temperature variations and an even flow of steam are the two most important performance characteristics of a steam bath. Amerec engineering delivers both with innovative "soft steam" element switching to maintain a consistent and comfortable bathing environment. The AK uses full power to quickly heat up the steam room to its preset temperature; then cuts power to half its elements; resulting in a more consistent flow of soft billowing steam and more stable temperatures. The single factor having the greatest effect on steam bathing is temperature fluctuation. Comparative testing proves superior performance with "soft steam" element switching, exclusive to Amerec AK generators. AK Series generators are available for 208/ 240V, single phase power as AK models and for 208V, three phase as 3K models.

## "Warm Start" Instant Steam Option

AK series generators are available with the optional 'warm start' feature that keeps water in the tank preheated to a temperature just below a boil. With the 'warm start' feature activated, steam begins flowing into the steam room in less than 60 seconds after the user turns on the generator, reducing the time required to heat the room to its desired temperature by several minutes. The "Warm Start" feature can be disabled with a simple on/off switch to eliminate unnecessary power consumption when the steam bath will not be used for extended periods of time.

*Warm Start*

## ADK Automatic Drain Option

AK series generators come with a standard manual drain valve with an optional automatic flushing system. The ADK auto drain option drains the generator tank following each steam bath and flushes water through the tank to reduce sediment build up and provide longer element life. The tank remains empty until the next steam bath, when the tank is refilled with fresh water for a more pleasant bathing experience.

*ADK Drain*

## "Cool Touch" Steam Head

Amerec "Cool Touch" steam heads ensure each steam bath is a safe and pleasurable experience. An internal insulator delivers steam into the room while the surface temperature of the brass steam head does not exceed 125 degrees F, reducing the risk of burns. The "Cool Touch" steam head features a fragrance reservoir that allows the bather to enhance the benefits of aromatherapy by dropping their favorite fragrance onto the reservoir.

*Cool Touch Steam Head*

# 120V plug-in steam generators

## AMEREC VAPORMIST 120V STEAM GENERATORS

Experience the pleasure of steam with plug-in simplicity. The Vapormist affordably provides the ambiance of soft, gentle steam at lower temperatures than standard 240V steam units. These wonderful, diminutive 120V plug-in steam generators are ideal for converting small shower enclosures into luxurious steam baths. With Vapormist, Amerec engineers have made steam bathing easier and more affordable than ever before.

Smaller than a shoebox with dimensions of 4"W x 7 1/2" H x 9 1/4"L, these compact generators fit easily into almost any nearby space - vanity, cabinet or nearby closet. Simply plumb cold water to the unit, add a steam line to the shower space, plug it in to a 120V, 20 amp outlet and your steam bath is ready to use.

Vapormist generators feature quiet operation, low energy consumption, very small water consumption and steam flow within 80 seconds from start up. A built-in 60-minute timer and low-voltage on/off button that can be mounted inside or outside the steam enclosure are included with each Vapormist generator.

### AK & 3K Generator Electrical Specifications

| Model | Wire Size | Phase | Volt | AMP | Breaker Size | KW | *Max. Cu. Ft. |
|---|---|---|---|---|---|---|---|
| AK4 | 10-2 + G | 1 | 240 | 16.7 | 25 | 4.0 | 75 |
| | | | 208 | 14.4 | 20 | 3.0 | 50 |
| AK5 | 10-2 + G | 1 | 240 | 20.8 | 30 | 5.0 | 100 |
| | | | 208 | 18.0 | 25 | 3.7 | 60 |
| AK6 | 8-2 + G | 1 | 240 | 25.0 | 35 | 6.0 | 160 |
| | | | 208 | 21.6 | 30 | 4.5 | 85 |
| AK7 | 8-2 + G | 1 | 240 | 29.2 | 40 | 7.0 | 220 |
| | | | 208 | 25.2 | 35 | 5.2 | 110 |
| AK8.5 | 6-2 + G | 1 | 240 | 35.4 | 50 | 8.5 | 300 |
| | | | 208 | 30.7 | 45 | 6.4 | 190 |
| AK10 | 6-2 + G | 1 | 240 | 41.7 | 60 | 10.0 | 400 |
| | | | 208 | 36.1 | 50 | 7.5 | 250 |
| AK12 | 6-2/10-2 + G | ★1 | 240 | 33.3/16.7 | 50/25 | 12 | 500 |
| AK14 | 6-2/10-2 + G | ★1 | 240 | 37.5/20.8 | 50/30 | 14 | 600 |
| AK17 | For electrical specifications please call the factory at 1-800-331-0349 | | | | | | 725 |
| AK20 | | | | | | | 900 |
| AK30 | | | | | | | 1350 |
| 3K8 | 10-3 + G | 3 | 208 | 21.9 | 30 | 7.9 | 300 |
| 3K10 | 8-3 + G | 3 | 208 | 28.1 | 35 | 10.1 | 400 |
| 3K12 | 8-3 + G | 3 | 208 | 31.3 | 40 | 11.3 | 500 |
| 3K14 | 6-3 + G | 3 | 208 | 40.2 | 50 | 14.5 | 600 |
| 3K20 | For electrical specifications please call the factory at 1-800-331-0349 | | | | | | 800 |
| 3K24 | | | | | | | 1000 |
| 3K28 | | | | | | | 1200 |
| 3K36 | | | | | | | 1500 |

**Steamer Dimensions**: AK4-AK10 Models 6-1/4"W x 13"H x 16-1/2"L
AK12, AK14 and 3K Models 6-1/4"W x 14"H x 16-1/2"L

**Shipping Dimensions**: AK4-AK10 Models 7-1/4"W x 20-1/2" x 23"L, Weight 32 lbs.
AK12, AK14 and 3K Models 7-1/4"W x 20-1/2" x 23"L, Weight 35 lbs.

***Important:** The maximum cubic footage is for reference only. Complex room construction and material variables may substantially alter the model required for your installation. For further information see "The Steam Construction and Generator Sizing Guide". Manufacturers of room construction materials should be consulted for approval of material use in a steam room environment.

**NOTE**: ★Single phase AK12 and AK14 steamers require two separate line feed circuits

***SEE GENERATOR INSTALLATION INSTRUCTIONS FOR SAFETY WARNINGS**

# steam bath accessories

*Chromatherapy Lighting*

*White Relax Shower Seat*

*Wood Shower Seat*

*Steam Diffuser*

*ADP Drain Pan*

*ASX100*

**RESIDENTIAL STEAM BATH ACCESSORIES**
Enhance your steam experience with Amerec steam accessories.

**Chromatherapy Lighting Option** installed in the ceiling of the steam shower provides the varied sensations of colored light therapy to achieve optimal health and well being. Research has shown that certain colors have psychological and physiological effects on people. Available only with K200i Freedom control System.

**Wood Shower Seat and White Relax Shower Seat**
These sturdy seats provide affordable seating options for baths and showers. They allow bathers a place to relax and enjoy the soothing benefits of steam. Constructed of easy to clean materials, both seats fold-up against the wall when not in use.

**Fragrance Injector Option** eliminates the need to drop aromatherapy oils onto the steam head by introducing oils directly into the steam line. The K200i Control allows the bather to control the frequency and amount of aromatherapy oil pumped into the room. Available only with K200i Freedom Control System.

**Steam Diffuser** is designed for use with the Amerec Cool Touch steam head. This opaque diffuser prevents hot steam from moving across the shower floor and causing bather discomfort.

**ADP Stainless Steel Drain Pan** designed for use with Amerec AK and 3K series steam generators. When properly installed and connected to an appropriate drain line, the ADP drain pan catches and drains away any water leaks. Features stainless steel construction with welded corners and a 3/4" stainless fitting.

**ASX100 Single Sump/Cartridge System** with replaceable cartridge featuring a ScaleX2 filter to reduce scale build-up and extend element life.

# commercial steam generators

## AI Series Commercial Steam Bath Boilers

Ideal for large steam rooms, the Amerec commercial steam bath boilers are designed for optimum user enjoyment and ease of use, A variety of standard features makes these boilers desirable from a facilities maintenance point of view and delivers reliable service for owners. Each unit is designed for easy on-site maintenance and hands-off, automated operation.

Amerec engineering and technology incorporates several unique features making Amerec boilers the commercial steam generator of choice by facilities maintenance engineers.

**Standard Features:**

- *ASME certified low-pressure vessel*
- *UL Listed*
- *All steel construction with powder coat exterior, brass fittings and stainless steel feet to prevent corrosion.*
- *One or two room operation with each room controlled individually by separate low-voltage on/off controls.*
- *External control system includes indicator light to show when boiler is on*
- *Room "over-temperature shut down" turns boiler elements off and blink indicators to show alarm*
- *Two or three wire alarm circuit switching provides for remote monitoring*
- *Multiple safety features including:*
  - *Water level sight glass*
  - *Three-level water sensing system with low water cutoff*
  - *High pressure cutout on all boilers*
- *Designed for easy serviceability:*
  - *Simple service access*
  - *Indicator lights with integral diagnostics*

| Catalog # | UL Model | Watts | Volts | Phase | Amps | Max. Rm Size | Steam Per Hr. | Dimensions W xD xH |
|---|---|---|---|---|---|---|---|---|
| AI 12 | 12-208<br>12-208<br>12-240<br>12-240<br>12-480 | 12000 | 208<br>208<br>240<br>240<br>480 | 1<br>3<br>1<br>3<br>3 | 59<br>34<br>51<br>30<br>15 | 500 ft³ | 36 lb/hr | 20¾" x 17½" x 23¼" |
| AI 18 | 18-208<br>18-208<br>18-240<br>18-240<br>18-480 | 18000 | 208<br>208<br>240<br>240<br>480 | 1<br>3<br>1<br>3<br>3 | 88<br>51<br>76<br>44<br>22 | 750 ft³ | 54 lb/hr | 20¾" x 17½" x 23¼" |
| AI 24 | 24-208<br>24-208<br>24-240<br>24-240<br>24-480 | 24000 | 208<br>208<br>240<br>240<br>480 | 1<br>3<br>1<br>3<br>3 | 116<br>68<br>101<br>59<br>29 | 1000 ft³ | 73 lb/hr | 20¾" x 17½" x 23¼" |
| AI 30 | 30-208<br>30-240<br>30-480 | 30000 | 208<br>240<br>480 | 3<br>3<br>3 | 85<br>73<br>36 | 1250 ft³ | 91 lb/hr | 27" x 17½" x 23¼" |
| AI 36 | 36-208<br>36-240<br>36-480 | 36000 | 208<br>240<br>480 | 3<br>3<br>3 | 101<br>88<br>43 | 1500 ft³ | 109 lb/hr | 27" x 17½" x 23¼" |
| AI 42 | 42-208<br>42-240<br>42-480 | 42000 | 208<br>240<br>480 | 3<br>3<br>3 | 118<br>102<br>51 | 1750 ft³ | 127 lb/hr | 27" x 17½" x 23¼" |
| AI 48 | 48-240<br>48-480 | 48000 | 240<br>480 | 3<br>3 | 117<br>58 | 2000 ft³ | 145 lb/hr | 27" x 17½" x 23¼" |

I60 Timer

IT1 Thermostat

I24/7 TIme Clock

Drain Clock

IDS Refresh

ASX200

## Controls & Options

- **IT1 Thermosat** *for 1 room installation. Remote or boiler mounted. Required with each boiler.*
- **IT2 Thermostat** *for 2 room installation. Remote or boiler mounted.*
- **ADI CoolFlush™** *drain and flush system automatically performs recommended daily draining and flushing of the boiler tank to reduce build-up of solids such as scale and sludge. Uses a computer controlled drain cycle to add and drain water in steps, rinsing the tank and draining water at or below 140° F.*
- **IDS In-Room "Refresh"** *control for a quick burst of steam delivered on demand.*
- **I60 60 MinuteTimer** *to control steam flow in steam rooms with intermittent use.*
- **124/7 7-Day Time Clock** *with 2 hour on/off segments.*
- **124/1 24-Hour Time Clock** *with 30 minute on/off segments.*
- **AI Outlet** *3/4" Polished Chrome steam head for use with AI series boilers.*
- **ASX200 Dual Sump/Cartridge System** *with replaceable cartridges featuring a ScaleX2 filter to reduce scale build-up common in boilers. The ASX200 will also reduce chlorine and sediment from water by trapping particulates in a second filter as water passes through.*
- **Club 190 Steam Door** *features 1/4" tempered glass with a sturdy aluminum frame, excellent for high volume use commercial applications. Optional 1" insulated glass panel provides increased thermal efficiency. Factory installed push-pull handles and hydraulic closer included.*

Club 190 Steam Door

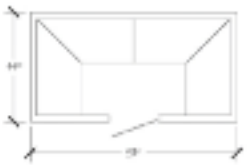
# modular acrylic steam rooms

## *Roma Modular Acrylic Steam Rooms*

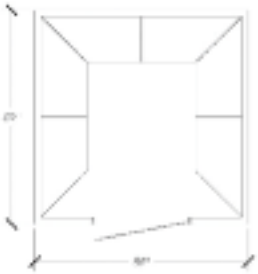
**Commercial or Residential Installations.**

Amerec's Roma modular acrylic steam rooms are pre-fabricated of white 8mm acrylic with ABS reinforcement for durability and ease of installation. The smooth, high-glaze interior surface provides a great alternative to tile steam rooms common in commercial facilities. The acrylic finish is easy to clean and requires little maintenance.

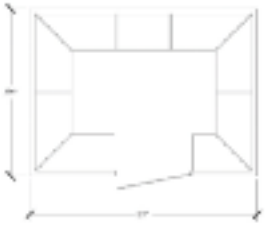
Roma steam room packages include an aluminum base frame, low voltage lighting, and a tempered all-glass bronze door. ADA accessible doors are standard on Type IV and Type V rooms. These free-standing modular steam rooms are designed to sit on a suitable waterproof floor with a drain. Insulation, exterior surface and floor not provided. Steam generator and controls to be ordered separately.



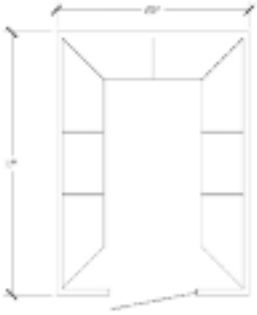
*Type II / 83" x 44"*



*Type IV / 83" x 83"*



*Type V-1 / 113" x 83"*



*Type V-4 / 83" x 113"*

*A steam room is a sure way to feel relaxed, refreshed and invigorated.*

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